

Cool RF Projection Clock with Animated Projection (RM818P)

PISA Animated Projection Clock (RM818PA)

USER MANUAL

EN

INTRODUCTION

Thank you for selecting the projection clock (RM818P / RM818PA). The Vibration Wake-Up Alarm (VR101) is compatible with this product and can be purchased separately.

NOTE Please keep this manual handy as you use your new product. It contains practical step-by-step instructions, as well as technical specifications and warnings you should know.

OVERVIEW

FRONT VIEW



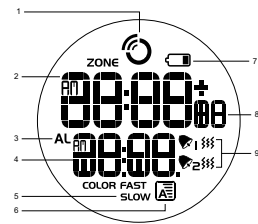
- Projector** : Projects time on the wall or ceiling
- LCD display**
- SNOOZE / LIGHT** : Turns on projector and backlight for 5 seconds
- ALARM** : Toggles between Alarm 1, Alarm 2 and Calendar
- ON / OFF** : Activates / deactivates the alarm
- CLOCK** : Toggles between different clock displays

BACK VIEW



- Battery compartment**
- ADAPTER** : Adaptor slot
- Reset** : Press to reset
- EU / UK (RM818P only)** : Slide to select your nearest radio signal base
- UP / DOWN** : Increases / decreases setting; Enables / disables clock reception signal
- PROJECTION ON** : Enables continuous projection with AC adapter connected

LCD DISPLAY

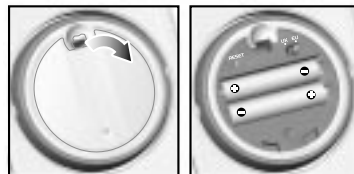


- Clock radio reception signal**
- Time**
- Alarm display**
- Alarm time / calendar**
- Animation speed** : Select fast or slow
- Low battery**
- Time zone**
- Alarm ON** : Appears when alarm 1/2 is activated.

GETTING STARTED

BATTERIES

The unit uses 2 x AAA (UM-4) 1.5V batteries. Insert batteries before first use, matching the polarity (+ and -):



NOTE appears when batteries are low.

ADAPTER

For continuous projection you must use the AC adapter.

CLOCK DISPLAY MODES

- Press **CLOCK** to toggle between the clock displays:
- Clock with seconds and calendar
 - Clock with weekday and calendar
 - Clock with time zone offset and calendar

CLOCK RECEPTION

This product is designed to synchronize its calendar clock automatically once it is brought within range of a radio signal:

- DCF-77 generated from Frankfurt, Germany for Central Europe
- MSF-60 generated from Rugby, England
- WWVB-60 generated from the atomic clock in Fort Collins, Colorado

The clock collects the radio signals whenever it is within 1500 km (932 miles) of a signal.

RM818P only — slide the **EU / UK** switch to the appropriate setting based on your location. Press **RESET** whenever you change the selected setting.

RECEPTION SIGNAL

STRONG SIGNAL	WEAK SIGNAL	NO SIGNAL

The reception icon will blink when it is searching for a signal. If the radio signal is weak, it can take up to 24 hours to get a valid signal reception.

For best reception, place the clock away from metal objects and electrical appliances and place near a window.

To enable / disable the clock radio reception, press and hold **UP / DOWN**.

SETTING THE CLOCK

You only need to do this if you have disabled the clock radio reception, or if you are too far from the radio signal.

To set the clock:

- Press and hold **CLOCK** for 2 seconds. The setting will blink.
- Use **UP / DOWN** to change the setting.
- Press **CLOCK** to confirm.
- Repeat steps 2 and 3 to set the time zone, 12 / 24 hour format, hour, minute, year, day-month format, month, day and display language.

NOTE If you enter +1 in the time zone setting, this will give you your local time plus 1 hour. If you are in the US (RM818PA) set the clock to:

-8 for Pacific time	-7 for Mountain time
-6 for Central time	-5 for Eastern time

NOTE The language options are (E) English, (F) French, (D) German, (I) Italian, and (S) Spanish.

ALARM

The clock has 2 alarms with a beep sound. If you have purchased the vibration device, you can also set the alarm to vibrate for 1.5 minutes.

To set an alarm:

- Press **ALARM** to toggle between the alarm displays and select either alarm 1 or 2 for setting.
- Press and hold **ALARM** to enter alarm setting mode. The alarm setting will blink.
- Select the hour, minute, alarm beep sound or vibration alarm or both. Press **UP / DOWN** to change the settings.
- Press **ALARM** to confirm.

NOTE appears when the alarm is not activated.

ALARM STATUS

The alarm icon will appear on the display to show which alarm has been set (see below):

ICON	MEANING
	Beep alarm is set
	Vibration alarm is set
	Beep and vibration alarms are set
No icons	No alarm is set

ACTIVATING / DEACTIVATING THE ALARM

Press **ON / OFF** to toggle between alarm 1 and 2, ON or OFF. See the table above for further clarification.

NOTE You can also activate / deactivate the alarm when you are in the alarm setting mode by toggling the **ON / OFF** button.

SNOOZE / STOP ALARM

To silence the alarm for 8 minutes, press **SNOOZE / LIGHT**.

NOTE When the snooze function is activated, the alarm icon will flash.

To stop the alarm and reset it to activate at the same time the next day, press any key except **SNOOZE / LIGHT**.

THE VIBRATING DEVICE — VR101 (OPTIONAL)

The vibrating wake-up device can be placed under your pillow and will wake you up by gently vibrating. All you need to do is activate the vibrating alarm option on the clock and switch the vibrating device to alarm 1, alarm 2 or both.

You can purchase this device separately.

NOTE Please refer to the vibrating wake-up alarm (VR101) user manual for further information.

PROJECTOR

Press **SNOOZE / LIGHT** to project the time (and turn on the backlight) for 5 seconds.

To use the projector continuously, plug in the adapter and press **PROJECTOR ON**. Press **PROJECTION ON** again to turn continuous projection OFF.

NOTE You can only use the continuous projection function when the adapter is plugged in.

Press **SNOOZE / LIGHT** repeatedly to flip the projected time upside down and back again.

SETTING THE ANIMATION SPEED

- Press and hold **PROJECTOR ON** until the setting blinks.
- Press **UP / DOWN** to change setting.
- Press **PROJECTOR ON** to confirm.
- The setting sequence is speed high / slow, alarm animation on / off.

BACKLIGHT

Press **SNOOZE / LIGHT** to activate the backlight (and projector) for 5 seconds.

RESET

To return the unit to the default settings, insert a blunt stylus into the **RESET** hole in the battery compartment.

PRECAUTIONS

This unit is engineered to give you years of satisfactory service if you handle it carefully. Here are a few precautions:

- Placement of this product on wood surfaces with certain types of finishes, such as clear varnish, may result in damage to the finish. Consult the furniture manufacturer's care instructions for direction as to the types of objects that may safely be placed on the wood surface. Oregon Scientific shall not be responsible for any damage to wood surfaces from contact with this product.
- Do not immerse the unit in water. If you spill liquid over it, dry it immediately with a soft, lint-free cloth.
- Do not clean the unit with abrasive or corrosive materials. This may scratch the plastic parts and corrode the electronic circuit.
- Do not subject the unit to excessive force, shock, dust, temperature or humidity, which may result in malfunction, shorter electronic life span, damaged battery and distorted parts.
- Do not tamper with the **units** internal components. Doing so will invalidate the warranty on the unit and may cause unnecessary damage. The unit contains no user-serviceable parts.
- Only use fresh batteries as specified in the **users** instructions. Do not mix new and old batteries as the old ones may leak.
- Due to printing limitations, the displays shown in this manual may differ from the actual display.
- The contents of this manual may not be reproduced without the permission of the manufacturer.

NOTE The technical specifications for this product and the contents of the user manual are subject to change without notice.

SPECIFICATIONS

TYPE	DESCRIPTION
Calendar	Day of week Current date / month format
Clock time	12 or 24-hour format
RF frequency	DCF-77 (EU) MSF-60 (UK) WWVB-60 (US)
Alarm duration	2 minutes
Snooze	8 minutes
Battery type	2 x AAA (UM-4) 1.5V
Unit dimension (H x W x D)	141 x 44 x 88 mm (5.6 x 1.73 x 3.47 inches)
Unit weight	146 g (5.2 ounces) without battery
AC power adapter	DC 3.0V

more about Oregon Scientific products such as digital cameras; MP3 players; children's electronic learning products and games; projection clocks; health and fitness gear; weather stations; and digital and conference phones. The website also includes contact information for our Customer Care department in case you need to reach us, as well as frequently asked questions and customer downloads.

We hope you will find all the information you need on our website, however if you're in the US and would like to contact the Oregon Scientific Customer Care department directly, please visit:

OR
Call 1-800-853-8883.

For international inquiries, please visit:
www2.oregonscientific.com/about/international

EC-DECLARATION OF CONFORMITY

Hereby, Oregon Scientific, declares that the Projection Clock (Model RM818P) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

A copy of the signed and dated Declaration of Conformity is available on request via our Oregon Scientific Customer Service.



FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

DECLARATION OF CONFORMITY

The following information is not to be used as contact for support or sales. Please call our customer service number (listed on our website at www.oregonscientific.com), or on the warranty card for this product) for all inquiries instead.

We
Name: Oregon Scientific, Inc.
Address: 19861 SW 95th Ave., Tualatin, Oregon 97062 USA
1-800-853-8883
1-503-684-3332

Telephone No.:
Fax No.:
declare that the product
Product No.: RM818PA
Product Name: Projection Clock

Manufacturer: IDT Technology Limited
Address: Block C, 9/F, Kaiser Estate, Phase 1,41 Man Yue St., Hung Hom, Kowloon, Hong Kong

is in conformity with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference. 2) This device must accept any interference received, including interference that may cause undesired operation.

IT

INTRODUZIONE

Grazie per avere scelto l'orologio a proiezione (RM818P / RM818PA). La sveglia con vibrazione (VR101) compatibile con questo prodotto e pu essere acquistata separatamente.

NOTE Tenere questo manuale a portata di mano durante l'utilizzo del nuovo prodotto, poiché contiene pratiche istruzioni dettagliate, specifiche tecniche e avvertimenti che è necessario conoscere.

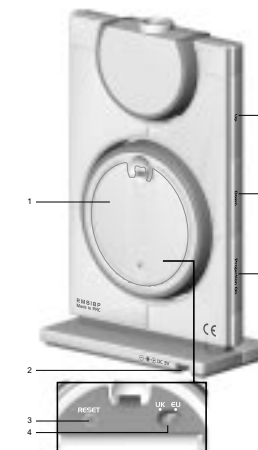
PRESENTAZIONE

VISTA ANTERIORE



- Proiettore**: proietta l'ora sulla parete o sul soffitto
- Display LCD**
- SNOOZE / LUCE**: accende il proiettore e la retroilluminazione per 5 secondi
- SVEGLIA**: attiva la modalit Sveglia 1, Sveglia 2 o Calendario
- ON / OFF**: attiva/disattiva la sveglia
- OROLOGIO**: attiva le diverse visualizzazioni dell'ora

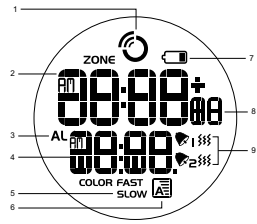
VISTA POSTERIORE



- Vano batterie**
- Slot adattatore**
- Reset** : premere per azzerare
- Interruttore EU / UK (solo RM818P)**: (fare scorrere per selezionare la base del segnale radio pi vicina

- SU/Gi** : aumenta o riduce il valore dell'impostazione: attiva o disattiva il segnale di ricezione dell'orologio
- Proiezione accesa** : attiva la proiezione continua con l'adattatore CA collegato

DISPLAY LCD

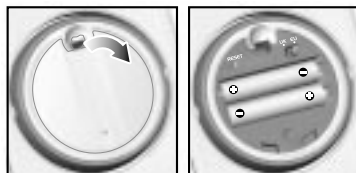


- Segnale di ricezione radio dell'orologio**
- Or**
- Display sveglia**
- Calendario/Ora sveglia**
- Velocit animazione**: scegliere veloce o lenta
- Batteria scarica**
- Fuso orario**
- Sveglia attivata**: viene visualizzato quando stata attivata la sveglia 1 / 2

OPERAZIONI PRELIMINARI

BATTERIE

L'unit accoglie 2 batterie AAA (UM-4) da 1,5 V. Inserire le batterie prima di utilizzare l'unit per la prima volta, rispettando le polarit (+ e -):



NOTE viene visualizzato quando le batterie sono scariche.

ADATTATORE

Per una proiezione costante, necessario utilizzare l'adattatore CA.

MODALIT DI VISUALIZZAZIONE DELL'ORA

Premere **CLOCK** per attivare una delle modalit di visualizzazione dell'ora:

- Or
- Or con secondi e calendario
- Or con giorno della settimana e calendario
- Or con fuso orario e calendario

RICEZIONE DELL'ORA

Questo prodotto progettato per la sincronizzazione automatica dell'ora del calendario se posizionato entro un campo di segnale radio:

- DCF-77 generato da Francoforte, Germania per l'Europa centrale
- MSF-60 generato da Rugby, Inghilterra
- WWVB-60 generato dall'orologio atomico di Fort Collins, Colorado

L'orologio rileva i segnali radio quando posizionato entro 1.500 km (932 miglia) da un segnale.

Solo RM818P: fare scorrere l'interruttore EU / UK sull'impostazione appropriata in base alla propria ubicazione. Premere **RESET** ogni volta che si cambia l'impostazione selezionata.

RICEZIONE DEL SEGNALE

FORTE	DEBOLE	NESSUN SEGNALE

L'icona di ricezione lampeggia durante la ricerca di un segnale. Se il segnale radio debole, potrebbero essere necessarie fino a 24 ore per ricevere un segnale valido.

Per una ricezione ottimale, collocare l'orologio lontano

da oggetti di metallo e apparecchiature elettriche e vicino a una finestra.

Per attivare/disattivare la ricezione radio dell'orologio, tenere premuto **UP / DOWN**.

IMPOSTAZIONE DELL'ORA

È necessario impostare l'ora, solo se stata disattivata la ricezione radio dell'orologio oppure se si troppo lontani dal segnale radio.

Per impostare l'ora:

- Tenere premuto **CLOCK** per 2 secondi. L'impostazione lampegger.
- Premere **UP / DOWN** per modificare l'impostazione.
- Premere **CLOCK** per confermare.
- Ripetere i passaggi 2 e 3 per impostare il fuso orario, il formato dell'ora (12 / 24 ore), le ore, i minuti, l'anno, il formato giorno-mese, il mese, il giorno e la lingua.

NOTE Se si specifica +1 nell'impostazione del fuso orario, verr visualizzata l'ora locale pi 1 ora. Se ci si trova negli USA (RM818PA), impostare l'ora su:

-8 per l'ora PST	-7 per l'ora MST
-6 per l'ora CST	-5 per l'ora EST

NOTE Le lingue disponibili sono (E) Inglese, (F) Francese, (D) Tedesco, (I) Italiano e (S) Spagnolo.

SVEGLIA

L'orologio dispone di 2 sveglie con un segnale acustico. Se stata acquistata l'unit con vibrazione, anche impossibile impostare la sveglia a vibrazione per 1,5 minuti.

Per impostare una sveglia:

- Premere **ALARM** per attivare la visualizzazione della sveglia, quindi selezionare la sveglia 1 o 2.
- Tenere premuto **ALARM** per attivare la modalit di impostazione sveglia. L'impostazione della lampegger.
- Selezionare l'ora, i minuti, il segnale acustico, la vibrazione o entrambi. Premere **UP / DOWN** per modificare le impostazioni.
- Premere **ALARM** per confermare.

NOTE viene visualizzato quando la sveglia non attivata.

STATO DELLA SVEGLIA

L'icona della sveglia viene visualizzata sul display per mostrare il tipo di sveglia impostata (vedere tabella seguente):

ICONA	SIGNIFICATO
	Sveglia con segnale acustico
	Sveglia con vibrazione
	Entrambe le sveglie: con vibrazione e con segnale acustico
Nessuna icona	Nessuna sveglia impostata

ATTIVAZIONE/DISATTIVAZIONE DELLE SVEGLIE

Premere **ON / OFF** per attivare la sveglia 1 e 2, ON o OFF. Per ulteriori informazioni, vedere la tabella in alto.

NOTE Per attivare/disattivare la sveglia in modalit di impostazione sveglia, utilizzare il pulsante **ON / OFF**.

SILENZIAMENTO / ARRESTO DELLA SVEGLIA

Per silenziare la sveglia per 8 minuti, premere **SNOOZE / LIGHT**.

NOTE Quando la funzione snooze attivata, l'icona della sveglia lampeggia.

Per arrestare la sveglia e impostarla affinché si attivi la stessa ora del giorno successivo, premere un pulsante qualsiasi ad eccezione di **SNOOZE / LIGHT**.

PERIFERICA CON VIBRAZIONE — VR101 (FACOLTATIVA)

Il dispositivo sveglia con vibrazione pu essere posizionato sotto il cuscino per essere svegliata da una delicata vibrazione. È sufficiente attivare l'opzione di sveglia con vibrazione nell'orologio e impostare il dispositivo a vibrazione sulla sveglia 1, sveglia 2 o entrambi.

È possibile acquistare questa periferica separatamente.

NOTE Per ulteriori informazioni, consultare il manuale dell'utente della sveglia con vibrazione (VR101).

PROJECTOR

Premere per proiettare l'ora (e accendere la retroilluminazione) per 5 secondi.

Per utilizzare il proiettore costantemente, collegare l'adattatore ala corrente e premere **PROJECTOR ON**. Premere di nuovo **PROJECTION ON** per disattivare la proiezione costante.

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